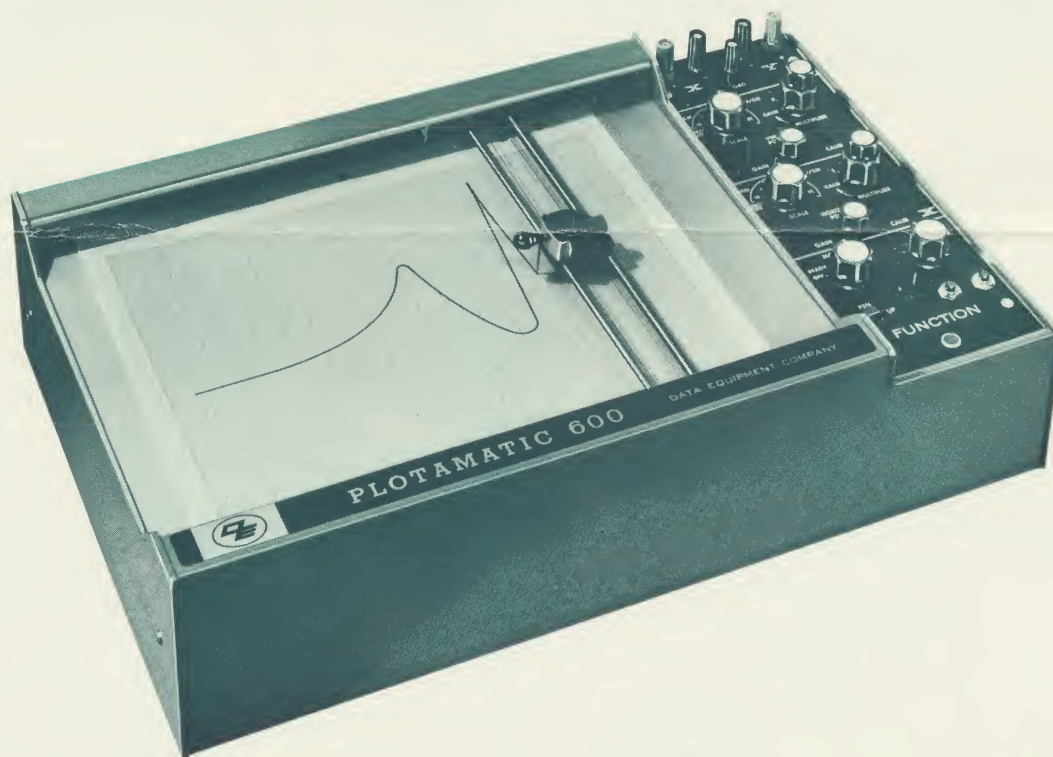


The **PLOTOMATIC 600 SERIES** of instruments comprises the Model 600, 610 and a computer Model 620. ■ This family of low-cost 8½ by 11 inch, **completely transistorized**, analog x - y plotters is designed to produce graphic plots of one d-c voltage either as a function of a second d-c voltage or as a function of time. ■ Voltage inputs may be accepted from a variety of sensors: temperature, pressure, position, velocity, displacement, acceleration, stress, strain, flow, etc. ■ The **SERIES 600** plotters have been human engineered for **quiet operation** and complete front panel control. ■ New servo-amplifier design ensures **superior reliability** and **greater frequency response**. ■ The time sweep, available only in the Model 600, is **continuously variable** between fixed ranges and is extended to 1000 seconds; automatic reset also is provided. ■ Standard features include **temperature compensated** reference voltage (Models 600 and 610) for greater stability, **sealed** follow-up potentiometers, replaceable ink cartridge, and non-clog vacuum paper hold down system. Special versions of the **PLOTAMATIC 600 SERIES** may be ordered to meet requirements of particular systems.

PLOTAMATIC

MODEL 600 X-Y PLOTTER



CHECK THESE ADVANCED FEATURES

- | | |
|---|---|
| <ul style="list-style-type: none"> ■ GREATER FREQUENCY RESPONSE ■ 1000 SECOND TIME BASE
VERNIER ON ALL RANGES ■ QUIET OPERATION ■ AUTOMATIC TIME-BASE RESET | <ul style="list-style-type: none"> ■ FRONT PANEL SELECTION OF POTENTIOMETRIC MODE ■ PUSH-BUTTON ZERO CHECK SWITCH—EACH AXIS ■ ULTRASTABLE ZENER BRIDGE CIRCUIT REFERENCE VOLTAGE ■ FULL SCALE ZERO ADJUSTMENT PLUS 100% OFFSET ■ METRIC CALIBRATION AND REMOTE PEN LIFT—OPTIONAL ■ MAINTENANCE FREE, SEALED, FOLLOW-UP POTENTIOMETERS |
|---|---|

PLOTAMATIC MODEL 600 SPECIFICATIONS

D.C. VOLTAGE RANGES	0.5, 1, 2, 5, 10, 20, 50, 100, 200, 500 MV/INCH AND 1, 2, 5, 10, 20, 50, VOLTS/INCH CONTINUOUS VERNIER ON ALL RANGES
INPUTS	FLOATING, BOTH AXES ISOLATED
POTENTIOMETRIC MODE	0.5, 1, 2, 5 MV/INCH CONTINUOUS VERNIER ON ALL RANGES
INPUT IMPEDANCE	ONE MEGOHM CONSTANT ALL RANGES; POTENTIOMETRIC MODE ESSENTIALLY INFINITE
ACCURACY	0.2% FULL SCALE, BOTH AXES
REPEATABILITY	.1%
ZERO ADJUSTMENT	FULL SCALE PLUS 100% OFFSET
CARRIAGE SWEEP RANGE	.01, .02, .05, 0.1, 0.2, 0.5, 1.0 INCHES/SEC 10 INCHES TOTAL SWEEP
SWEEP ACCURACY	WITHIN 5%, 0.01, 0.02 INCHES/SEC; 2% ALL OTHER SETTINGS
SLEWING SPEED	20 INCHES/SEC, BOTH AXES
MECHANISM	INDEPENDENT SERVO DRIVES X AND Y AXES
REFERENCE VOLTAGE	TEMPERATURE COMPENSATED ZENER BRIDGE CIRCUIT
OPERATING ENVIRONMENT	TEMPERATURE 0°-50°C
PAPER SIZE	8½" x 11" STANDARD GRAPH PAPER
POWER REQUIREMENTS	115V/230V 50/60 C.P.S.
DIMENSIONS	TABLE TOP 17 INCHES WIDE, 10½ INCHES DEEP, 4½ INCHES HIGH RACK MOUNTING: MOUNTS IN 19-INCH RACK.
WEIGHT	18 POUNDS

PURCHASING DATA

All prices are F.O.B. Santa Ana, California 92705.

For rack mounting add an "R" to model number.

Where F.O.B. destination is required, transportation cost will be quoted as a separate item at existing rates.

Payment terms, Net 30 days.

Purchase orders should be made out to Data Equipment Company through the local representative, or directly to Data Equipment Company.

Modifications (special paint, rear mounted connectors, etc.) will be quoted at existing rates.

Price: Model 600 or 600R — \$1,575.00

Prices and Specifications subject to change without notice.

REPRESENTED BY:

CUSTOM DESIGNED PLOTTERS QUOTED ON REQUEST



DATA EQUIPMENT COMPANY

DIVISION BBN CORPORATION (DELAWARE)
2126 S. Lyon Street ■ Santa Ana, California 92705
Telephone: (714) 546-5300 TWX: 714 546-0437